

## EXECUTIVE SUMMARY

Dowell Division, East End Ave. and Sauk Trail, P.O. Box 160, So. Chicago Heights, IL 60411, Cook County, Lat. 42°-30'-35", Lon. 087°-37'-30".  
Person to contact: Jim Price, District Manager 312/755-0400 is owned by Dow Chemical U.S.A., Bennett Bld. 2030 Dow Center, Midland, Mi 48640.

This facility is a distribution terminal of inorganic industrial chemicals manufactured by Dow Chemical Company of Midland, Michigan. This terminal operates tank-trailers and a fibre glass storage tanks used to store an industrial cleaning agent with a trade name of "Disvertan 675". Under normal conditions, this chemical compound appears to be stable and therefore, hazard potential is very remote. A fume scrubber controls the 10,000 gallon hydrochloric acid storage tank. The tank is additionally provided with a concrete dike filled with gravel and lime to control any spills and leaks.

Dowell is an industrial cleaner. The contaminated cleaning agents comprise the hazardous waste streams generated. In certain instances (when the facility Dowell is hired to clean has an incinerator) the facility to be cleaned is the generator and disposes of the waste in their on-site incinerator. The rest of the time, Dowell is the generator and hauler to a disposal facility.

It is recommended by this Agency that a none priority inspection be done on this site.

LW:mkb:S/92

EPA Region 5 Records Ctr.



311351

<b>LAND-03104520</b> <b>EPA AIR-031294AAL</b>		<b>POTENTIAL HAZARDOUS WASTE SITE</b> <b>PRELIMINARY ASSESSMENT</b> <b>PART 1 - SITE INFORMATION AND ASSESSMENT</b>		<b>I. IDENTIFICATION</b> 01 STATE 02 SITE NUMBER <b>ILD 020047395</b>	
<b>II. SITE NAME AND LOCATION</b>					
01 SITE NAME (Legal, common, or descriptive name of site)			02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER		
<b>DOW CHEMICAL U.S.A.-DOWELL DIV</b>			<b>EAST END AVE &amp; SAUK TR, PO BOX 160</b>		
03 CITY			04 STATE	05 ZIP CODE	06 COUNTY
<b>SCHICAGO HEIGHTS</b>			<b>IL</b>	<b>60411</b>	<b>COOK</b>
09 COORDINATES LATITUDE		LONGITUDE		07 COUNTY CODE	08 CONG DIST
<b>42 30 35.0</b>		<b>087 37 30.0</b>		<b>031</b>	<b>17</b>
10 DIRECTIONS TO SITE (Starting from nearest public road)					
<b>SEE ATTACHMENTS ON THE BACK.</b>					
<b>III. RESPONSIBLE PARTIES</b>					
01 OWNER (If known)			02 STREET (Business, mailing, residential)		
<b>DOW CHEMICAL CO.</b>			<b>BENNETT, BLD. 2030 DOW CENTER</b>		
03 CITY			04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
<b>MIDLAND</b>			<b>MI</b>	<b>48640</b>	<b>( )</b>
07 OPERATOR (If known and different from owner)			08 STREET (Business, mailing, residential)		
09 CITY			10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
					<b>( )</b>
13 TYPE OF OWNERSHIP (Check one)					
<input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)					
<input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: ____/____/____ <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ____/____/____ <input checked="" type="checkbox"/> C. NONE					
<b>IV. CHARACTERIZATION OF POTENTIAL HAZARD</b>					
01 ON SITE INSPECTION			BY (Check all that apply)		
<input checked="" type="checkbox"/> YES DATE <b>11/04/76</b> <input type="checkbox"/> NO <b>9-23-83</b>			<input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify)		
			CONTRACTOR NAME(S): _____		
02 SITE STATUS (Check one)			03 YEARS OF OPERATION		
<input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN			<b>1976</b> <b>—</b> <input type="checkbox"/> UNKNOWN BEGINNING YEAR    ENDING YEAR		
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED					
<b>NONE</b>					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION					
<b>NONE</b>					
<b>V. PRIORITY ASSESSMENT</b>					
01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)					
<input type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input checked="" type="checkbox"/> D. NONE (No further action needed, complete current disposition form)					
<b>VI. INFORMATION AVAILABLE FROM</b>					
01 CONTACT		02 OF (Agency/Organization)		03 TELEPHONE NUMBER	
<b>JIM PRICE</b>		<b>DISTRICT MANAGER</b>		<b>312-755-0400</b>	
04 PERSON RESPONSIBLE FOR ASSESSMENT		05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
<b>LARRY WINNER</b>		<b>IEPA</b>	<b>HSPS</b>	<b>217-782-9848</b>	<b>10/01/84</b> MONTH DAY YEAR

NPA CODE  
 A0403  
 C. Crabb  
 7/17/87

<b>LAND - 03104520</b> <b>SEPA AIR-031294AAL</b>	<b>POTENTIAL HAZARDOUS WASTE SITE</b> <b>PRELIMINARY ASSESSMENT</b> <b>PART 2 - WASTE INFORMATION</b>	<b>I. IDENTIFICATION</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">01 STATE</td> <td style="width: 50%;">02 SITE NUMBER</td> </tr> <tr> <td style="text-align: center;"><b>IL</b></td> <td style="text-align: center;"><b>020047395</b></td> </tr> </table>	01 STATE	02 SITE NUMBER	<b>IL</b>	<b>020047395</b>
01 STATE	02 SITE NUMBER					
<b>IL</b>	<b>020047395</b>					

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS		
<b>01 PHYSICAL STATES</b> (Check all that apply) <input type="checkbox"/> A SOLID <input type="checkbox"/> B POWDER, FINES <input type="checkbox"/> C SLUDGE <input type="checkbox"/> D OTHER _____ <small>(Specify)</small>	<b>02 WASTE QUANTITY AT SITE</b> <small>(Measures of waste quantities must be independent)</small> TONS <b>5</b> CUBIC YARDS _____ NO OF DRUMS _____	<b>03 WASTE CHARACTERISTICS</b> (Check all that apply) <input checked="" type="checkbox"/> A TOXIC <input checked="" type="checkbox"/> B CORROSIVE <input type="checkbox"/> C RADIOACTIVE <input type="checkbox"/> D PERSISTENT <input type="checkbox"/> E SOLUBLE <input type="checkbox"/> F INFECTIOUS <input type="checkbox"/> G FLAMMABLE <input type="checkbox"/> H IGNITABLE <input type="checkbox"/> I HIGHLY VOLATILE <input type="checkbox"/> J EXPLOSIVE <input type="checkbox"/> K REACTIVE <input type="checkbox"/> L INCOMPATIBLE <input type="checkbox"/> M NOT APPLICABLE

III. WASTE TYPE				
CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS	<b>5</b>	<b>TN</b>	<b>HYDROCHLORIC ACID</b>
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)					
01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/ DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION

V. FEEDSTOCKS (See Appendix for CAS Numbers)					
CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)
<b>IEPA-LAND &amp; AIR FILES</b>



LAND-03104520  
AIR-031294 ARL

POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

ILD 020047395

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: \_\_\_\_\_

(Acres)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

ILD 020047395

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills/runoff/standing liquids/leaking drums)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

**EPA-LAND & AIR FILES**

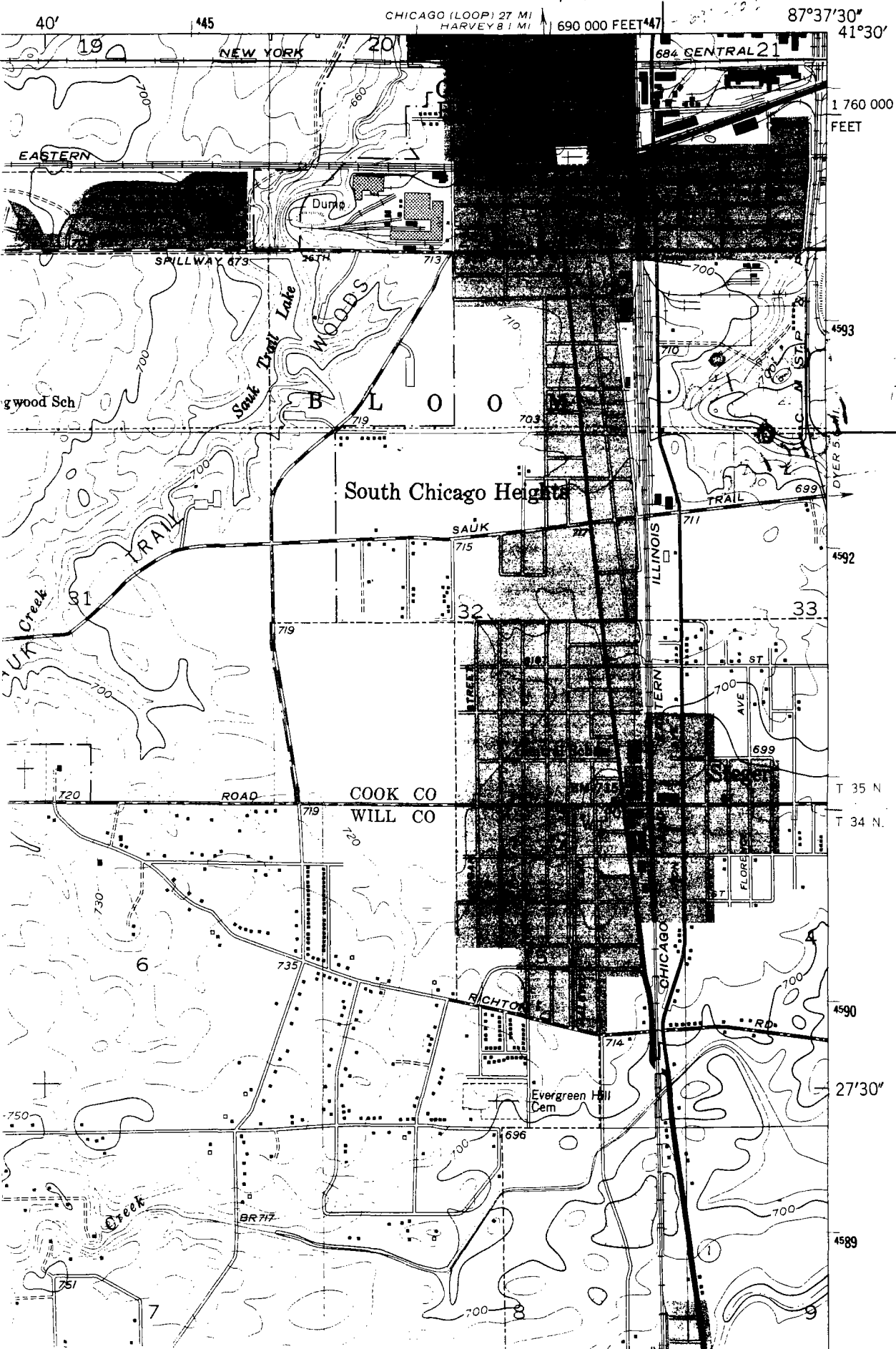
# STEGER QUADRANGLE 56-B

ILLINOIS

7.5 MINUTE SERIES (TOPOGRAPHIC)

NW/4 CRETE 15' QUADRANGLE

3467 II SE  
(CALUMET CITY)



NEAREST SCHOOL

3/4 MILE

SAUK TRAIL

RENTAL MARKET

DOWN  
1000.  
SCR.

NEAREST RESIDENCES 1 BLOCK

1. 1052  
TRUCKING

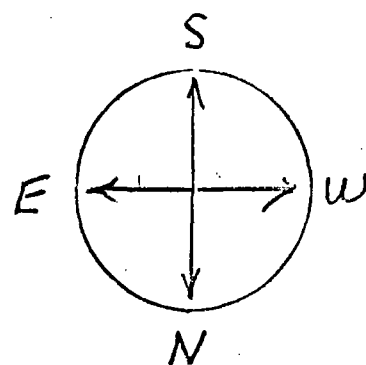
CHICAGO  
VES  
COLT CO

E. FERGUSON AVE

↑  
NEAREST  
INDUSTRY

JACKSON BLVD

1 MILE



NEAREST  
NURSING HOME

26<sup>th</sup> ST

2 MILES

HWY 1

ST. JAMES HOSPITAL

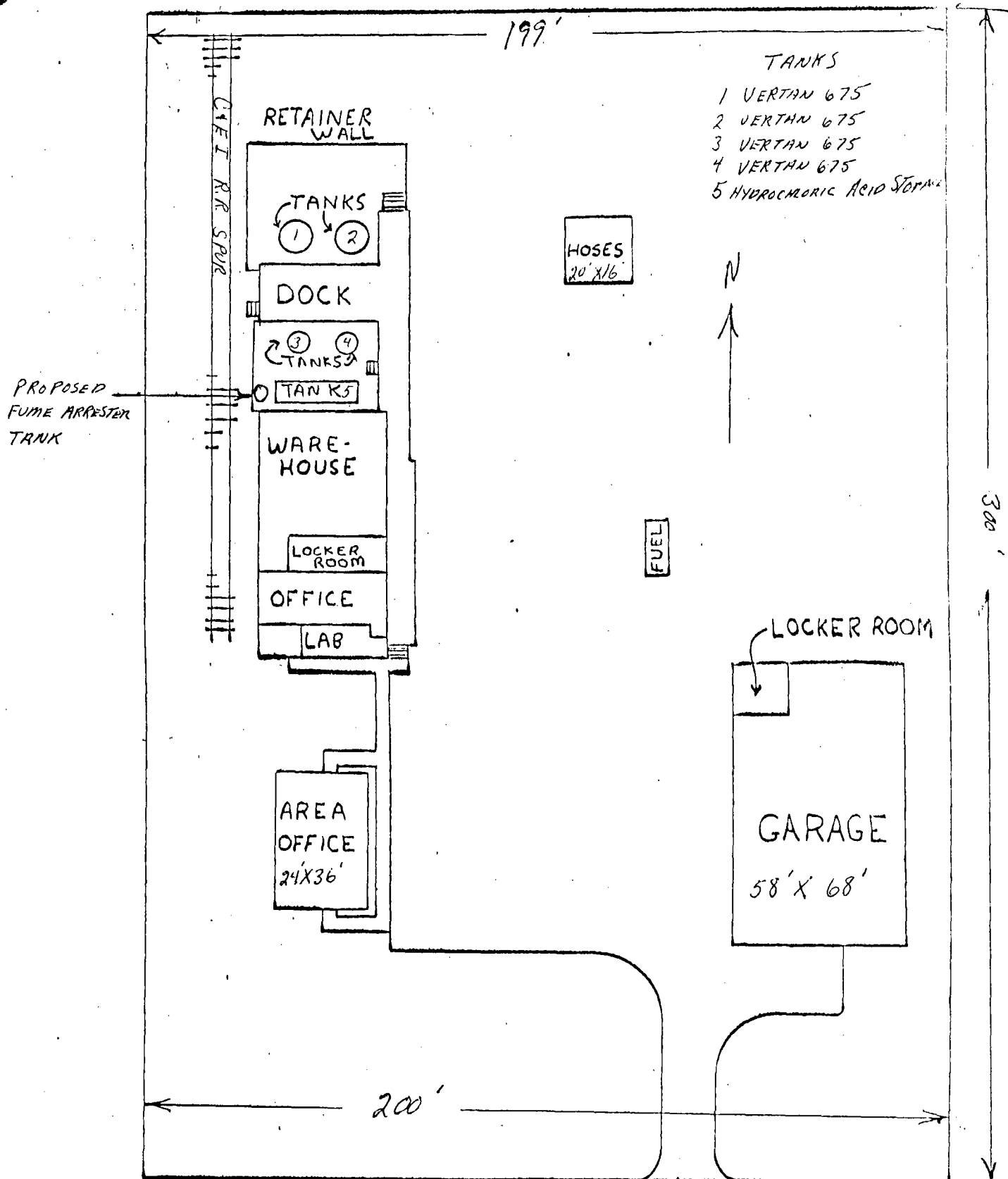
HWY 30

1  
2  
3



# DOW INDUSTRIAL SERVICE

DIVISION OF DOW CHEMICAL U.S.A.



PLOT PLAN 3